

In the Claims:

1. (Previously Presented) A method of treating multiple sclerosis, the method comprising administering to a subject in need thereof a therapeutically effective amount of a compound, wherein said compound is N-acetyl cysteine amide (compound J) or N-acetyl cysteine ethyl ester (compound A).

2. (Previously Presented) The method of claim 1, wherein said compound is N-acetyl cysteine amide (compound J).

3-6. (Canceled)

7. (Previously Presented) A method for treating multiple sclerosis in an individual in need thereof, the method comprising administering to the individual a therapeutically effective amount of N-acetyl cysteine amide (compound J) or N-acetyl cysteine ethyl ester (compound A).

8.-9. (Canceled)

10. (Previously Presented) The method of claim 7, wherein said individual is administered a therapeutically effective amount of N-acetyl cysteine amide (compound J).

11.-19. (Canceled)

20. (New) The method of claim 1, wherein said compound is N-acetyl cysteine ethyl ester (compound A).

21. (New) The method of claim 7, wherein said individual is administered a therapeutically effective amount of N-acetyl cysteine ethyl ester (compound A).